

QUA-RAT

HERE IS NEWS OF THE RADIO ASSOCIATION OF ERIE, INC.

VOL. II No. 6

SERVING TRI-STATE AMATEURS FOR 26 YEARS

JANUARY, 1977

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SPECIAL ACTIVITIES MEETING JANUARY 28
February Meetings - 4 and 1 (Activity)

RADIO ASSOCIATION OF ERIE, INC.
PO BOX 844
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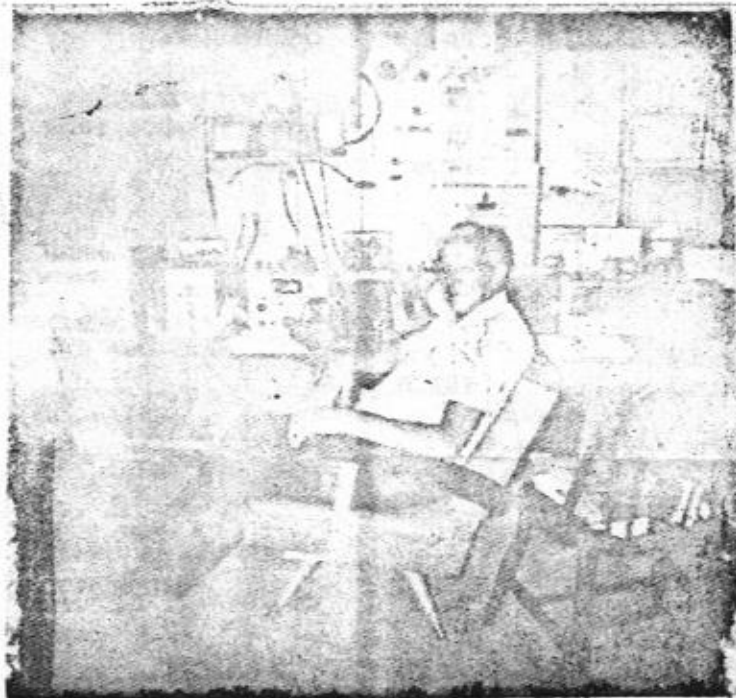
HAM OF THE MONTH: KENNY LLOYD, W3QN

Kenny Lloyd is one of the oldest hams in the area and first operated in 1916 using a Ford spark coil. He had no license or call, since none was needed if the signals did not leave the state. Most of his operating was confined to daylight hours because of the interference from the arc street lights. His first receiver was a crystal detector. After WW I he used a De Forest Audion tube. The early tubes had no plugs and the connections were made by pigtailed that protruded through the bulb.

Before KDKA began broadcasting he heard music broadcasts from a Western Electric experimental station in New Jersey. In 1922, Ken joined the National Guard and took his own KW spark to Mt. Gretna summer camp to try sending messages back to Erie. Ken was a "wireless operator" in the National Guard for 10 years.

In 1923, Ken took tests so that he 8XE at Penn State. code test text they their hand if they message. Only Ken He still copies code

For a while after 100 Watt spark rig. a 1KW rotary spark dimmed the house he pressed the key. all over the house. 6XAD in Catilina, advent of Broadcast operate in the even- the spark's inter- tube rig came in QRMing the Broad- sparks off the air. AM phone. For a a 10 meter mobile his battery down so His current rig is SB 10 SSB adapter. is a Mosley CM-1.



code and theory might operate As part of the were told to raise were copying the raised his hand. in his head.

WW I, Ken used a His third rig was transmitter which lights every time He could be heard His best DX was Calif. With the radio, he couldn't ings, because of ference. His first 1924 when spark's cast service forced About 1938 he went few years he had but he always ran he gave it away. an Apache with an His present receiver

Kenny's first call back in 1919 was 8VH. In 1927 after he let 8VH lapse for a year and when he reapplied he received MU8QJ which later on became W8QJ. After WW II, when Pennsylvania moved into the third call district, he received W3QN.

In 1938, Ken's first beam was a 10 meter 3- element plumber's delight which was mounted on a wooden frame and a 2-inch steel pipe up 35 feet. The beam weighed around 150 pounds and was turned by hand. He was still using this beam into the 1950's. Now he has a 3-element 10 meter Telrex beam and soon expects to put up a tri-band beam.

During WW II he operated Unit 1 in the W.E.R.S. at the county court house. At each test alert he had to hurry over to the court house to get the TR-4 on 2½ meters.

Ken's other hobby is bowling. Ken has been active in Hammermill's bowling league for over 20 years. Currently he captain's the 'Paper Mill' bowling team in that league.

RAE MINUTES

December 3, 1970

The meeting was called to order at 8:15 PM by Vice-president K3VXE.

Officers present: K3VXE, WA3MAU and WA3KAI

Directors present: W3SN, K3VLP, W3KPM, WA3GIV and WA3HDK.

The November 5th minutes were read and approved as noted with corrections. The new Treasury balance of \$588.91 was approved with one correction.

CORRESPONDENCE: A large number of QSL's have been received this month due to the recent RAE county expedition.

ACTIVITIES AND COMMITTEES: K3VXE reported that flyers have been placed at several locations announcing the December activities meeting. Ron stated that special projection equipment would have to be rented for the showing of the X-ray films and slides. W3KPM is to check if the CD has any of this equipment available. - - - WA3HSR reported on the success of W3KT's visit to the November activities meeting and thanked all those who helped and attended this meeting. - - - K3VXE indicated that John Squires, K3UPC, RAE President will be back in Erie on December 11th and that shortly thereafter, a meeting would be scheduled with K3UPC and the Board of Directors. - - - K3VXE advised that the RAE recently opened an account with the Addressograph-Multigrath Co. - - - K3VXE elaborated on the net that was activated on ten meters during the recent snowstorm. WA3GSH (Erie County EC) and K3VXE, in absence of W3KPJ (WPA SEC), activated the Lake Erie Emergency Net. WA3HDK who was operating on six meters handling traffic for three hours, advised that no instructions or authorization was given to activate the six meter net, however, Barry Capell, WA3GSH the EC had no authority to activate it. - - - WA3HSR planned on mailing the December QUA-RAE after the meeting and he reported that 226 copies plus about 50 extra copies would be mailed. The December QUA-RAE is the largest to date. (20 pages). - - - W3KPM had no report on CD or the RACES program. - - - WA3GIV had nothing to report on the COM truck, however, Fred reported that he is having problems getting the 41-V (2 meters) unit into working order. - - - K3VLP, the 1971 HAMFEST chairman, advised members of the tentative date of October 9, 1971 for next year's HAMFEST. More on this later. - - - K3VLP reported that the November Red Cross meeting was cancelled because of the recent snowstorm. - - - K3VXE reported that permission was granted to the RAE for use of the Erie City Police tower for repeater antennas. Ron advised that there are rumors that the city of Erie may vacate the tower and move operations downtown next year. W3KPM indicated that plans to do this may not finalize at all and he expected the city would drop these plans soon. W3HLM advised he would check with others on this matter. - - - Plans for the Christmas Party after the December activities meeting were taking shape. Several YLs and XYLs will handle the food and decorations and K3VXE advised he would check the pop.

There was no old business when called for by K3VXE.

NEW BUSINESS: K3VLP made a motion that, "The RAE issue a certificate to all those who have worked W3GV portable or mobile in ten counties or more." This motion was seconded by WA3HSR, was voted on and carried. - - - After discussion on the possibility of the RAE and PARC arranging their meetings so as not to conflict with each other, WA3GIV was appointed to check with PARC on this matter and to report back to the members before further action is taken. - - - WA3GIV made a motion "giving K3VXE authority to rent the necessary projection equipment for the December activities meeting." This motion was seconded by WA3HDK, was voted on and carried. - - - WA3HSR advised that the RAE is out of stationery

***** RAE MINUTES *****

December 3, 1970

(continued)

NEW BUSINESS (cont):

supplies and that in the near future, letters would be sent to prospective speakers. WA3GIV is to check on the possibility of securing a metal plate for the RAE printing equipment. WA3HDK, WA3HSR and K3VXE are to work up the design for the RAE letterhead. - - - WA3HSR reported that 45 new 1971 memberships are on record to date. - - - K3VXE advised that the Times-News managing editor now writes the "Amateur Radio News" column instead of K3AFO and that all news of amateur radio is now being reported.

There were no bills turned over for disposition.

Twelve members and one guest was present.

WA3GIV made a motion for adjournment at 9:30 PM seconded by WA3HSR, voted on and carried.

Respectfully submitted,
Chuck Manross, WA3KAI

***** NEWS FROM THE RAE HISTORIAN *****
DE W3SN

Here are some more of those excerpts from the old amateur news column in the Dispatch-Herald. The column was written by Frank Ames, W8WBM (W3WBM).

"We have just received news that W8UCW, Arlene Koch, of Erie, will begin to give code instruction on the air each Wednesday evening at 8 PM. Her frequency will be 7270 kc, in the 40 meter band. With her aid there is one more help for those struggling to gain code speed and accuracy. After you have copied her sending for an evening, drop her a card or letter to show your appreciation and to let her know that her efforts are not in vain. If enough response is shown, she will continue to give her time to the worthy cause."

It seems that the YLs and XYLs were a little more active in the club around 1941 than they are now. This next tidbit is something every new ham recites.

"The waiting days are over now, oh, friend,
We are now looking for one who will lend,
Some coils, some keys, some mikes, some wire,
Some tubes some crystals, some aspirins, and last, some poet."

We aren't sure how many new hams need poet, but we're sure that the rest of the phrase will hold true for many generations of hams to come. This next opening line could certainly be applied to any one of the recent RAE business meetings.

"There is still plenty of empty seating space at meetings and the more hams that turn out, the more fun we have, so come to the next meeting and enjoy yourself."

This column appears to be one of the most thoroughly enjoyed by all QUA-RAE readers. If you have any bits of information or memories about ham radio of days gone by and would like to share them with others, send them to us and we'll be glad to use them.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
FEBRUARY JANUARY			QCWA QSO PARTY (SEE FEB. 1971)			LOUISIANA QSO PARTY
NETS 10	11	12	13	14	15	16
VHF MEETING						ARKANSAS QSO PARTY
NETS 17	18	19	20	21	22	23
				RAE ACTIVITIES		SET CQ WW 160
NETS 24	25	26	27	28	29	30
SET CQ WW 160	FEBRUARY 1971	GROUNDHOG K DAY 		RAE BUSINESS		RAE IN ARRL DX TEST
NETS 31	1	2	3	4	5	6
RAE IN ARRL DX TEST				1 WEEK 'TILL FEB SPECTACULAR		QCWA QSO PARTY
7	8	9	10	11	12	13

JANUARY/FEBRUARY, 1971

With the arrival of a new year, the RAE looks forward to one of its most active years yet. The RAE January Activities meeting will feature local services using radio communications that are vital to the welfare of the community. RAE full co-operation in the SET will round out the month of January. Not wanting to waste any time, the RAE is going to participate in the ARRL DX Phone contest. Operations will take place at the EOC on Wagner Road. A full map will be in the February QUA-RAE. Those of you that haven't participated in a DX Contest before, come on in and join the fun. Get some good experience in both operating and working DX. If you would like to take part, call Ron, K3VXE or Mike, WA3HSR and let them know. February may be a short month, but it won't be short of activities at all. Along with the business meeting on the 4th, February 18 will be a night for all people interested in communication. Dave Flinn, W2CFP, will speak to the RAE. Dave is Public Relations Director of the East Coast Amateur Radio Service and has spoken before thousands of hams elsewhere. If you're not familiar with ECARS, listen at 7255 all day every day, and join in the fun. ECARS provides phone patches, emergency traffic condition reports, weather condition updates and many more services to those desiring it. Lets all try and be present at this meeting and show Dave just how much the amateurs of Erie appreciate the services of ECARS. This is a must meeting for all hams. Don't forget to start collecting all that junk (whoops-goodies) for the BIG RAE AUCTION of Saturday, April 18. Location to be announced in the February QUA-RAE. Listen to the weekly nets for further info on these activities and learn how to handle some traffic.

In much of the new transistorized equipment on the market, transmit-receive switching functions are not accomplished with the conventional relay or toggle switch to ground in the power supply. In many cases the external mute contacts of the receiver are above ground and usually the only contacts left on the relay in the transmitter work against ground and are normally open or closed opposite to your needs. It might seem that the easiest solution to the problem is the addition of an external relay. But a relay has many disadvantages. They are for the most part mechanically large. Since chassis space is difficult to come by on today's compact equipment, it would have to be mounted outboard. A neat job of doing this would cost several dollars at least. Besides this, a relay produces heat, the coil voltage is often difficult to find, especially for a junk-box model.

An answer to this problem is a simple device known as a transistor. Many of us overlook the switching possibilities of transistors. Let's refresh our memories as how transistors work.

There are two basic types of transistors—PNP and NPN (Fig. 1). The PNP is drawn with the emitter arrow pointing towards the base, signifying the direction of current flow. In the NPN, the emitter current flows in the opposite direction, signified by the arrow. The emitter is analogous to the cathode of a vacuum tube, where the base is the grid and the collector is the plate.

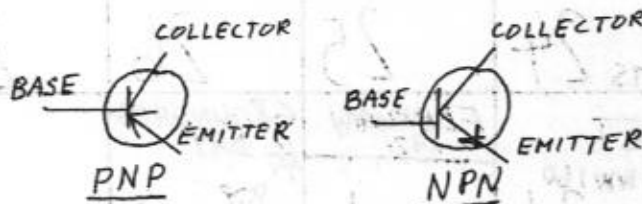


Fig. 1—NPN & PNP Transistors

Two conditions must be met in order for the collector current to flow—the first is that the base-emitter voltage must be above the critical voltage to allow base current to flow, and the second is that the proper collector-emitter polarity must be observed. In a vacuum tube, current only flows from plate to cathode. This can be compared to the NPN transistor. However with a PNP transistor, currents can flow opposite than the way they do in tube circuits allowing more flexibility.

Let's look at a few examples. Figure 2 shows a transistor used as a simple relay switch. The emitter-collector junction will be effectively a short circuit only when the base-emitter voltage rises above 0.7 volts for a silicon transistor, or 0.3 volts for a germanium type. The current needed to attain this voltage is inversely proportional to the

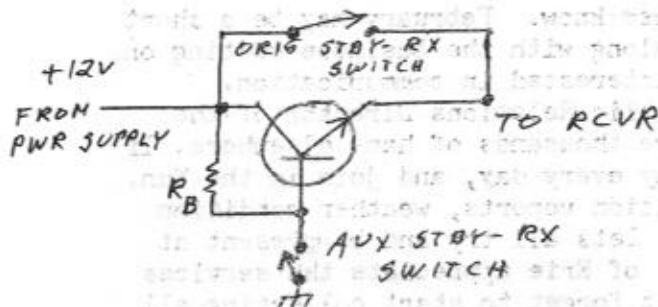


Fig. 3

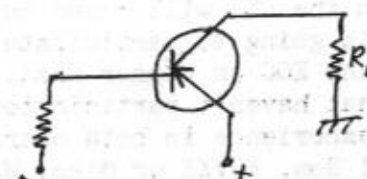


Fig. 2

gain of the transistor and usually amounts to 2% or less of the collector current. Thus, the base resistor is adjusted for a maximum value that will still allow the transistor to switch on.

Figure 3 shows the circuit I used.

TECH TALK, Cont.

to switch the standby-receive function on the Realistic DX150 A solid-state receiver. The original switch just opened and closed the B plus line. Since the auxiliary contacts in the transmitter were of the shorting type to operate a relay, they could not be directly used to mute the receiver. The transistor was mounted right in the receiver with the original remote mute jack used. R_B was again chosen for maximum value that would allow the transistor to conduct. Then, when the base is grounded, the base-emitter junction is reverse biased and only a minimal amount of supply current is used.

These are but a few of the many configurations that can be used to perform simple switching functions. With the wide range of inexpensive transistors available, almost any task can be accomplished with a little bit of thought.

AR DE K3VXE, Ron

VHF-FM NEWS

Not a whole lot of activity on 2 FM this last month. K3WOL, Bill, was off the air due to a burnt-up power supply in the Handi-Talkie he was using at work. He's back on the air, however, with a 41 V.

It took a trip to Arizona for Fred Tate, WA3GIV, to get the bugs out of his 41V in the car. His buddies at Niles Communications showed him all the tricks of troubleshooting those "boat anchors." The proof came with a 575 mile contact through a repeater in Texas.

Ron, K3VXE, has finally made some progress on the club's 41V for the COM-Truck. For those of you who wonder what second oscillator crystal your 41V takes, look at the IF coils running in a line in the middle of the receiver chassis. The coils are marked on the bottom with a number, either L 300 or L 500 series. The 300 series takes the 5955 second oscillator crystal and has a 5.5 MHz. IF. The 500 series takes the 8455 second oscillator crystal and has an 8.0 MHz. IF. In any case, don't bother trying to peak the IF's until you are sure the RF sections are working and peaked. For the most part, the IF sections do not need to be aligned until looking for maximum performance.

SENTRY CRYSTALS has announced a new discount policy effective Jan. 1. To get the club discount, crystals must be bought in quantities greater than 2. From 3 to 10 crystals, the discount is now 15%, and over 10 crystals, the usual 25% discount. The Club also receives a 2% discount when the invoice is paid within 10 days. All discounts are passed on to the RAE member purchasing the crystals.

The repeater antennas will be going up on the police tower as soon as Rick Cutter and Chuck get up the nerve to climb it. With any kind of luck, the repeater should be in operation by the SET, January 30. Murphy has been camped out in Chuck's basement for quite a few months now, but the cold is finally driving him to warmer quarters.

Ron, K3VXE, will again be going up to the repeater conference in Grimbsy, Ont. It is scheduled for Saturday, Jan. 16. The agenda includes election of officers, appointment of frequency study group for 1971, and discussion on channel standardization and allocations.

 PROPAGATION REPORT
 Condensed from CQ Magazine

Excellent DX propagation is forecast on both 10 and 15 meters for the month of January. Each band should be open to some area of the world at some time during the daylight hours. Exceptionally strong signal levels may be heard. Good short skip conditions on 10 meters for 1200-2300 miles should occur during the daylight hours, and follow on 15 meters from sunrise to early evening for 1000-2300 miles. On 20 meters, DX propagation should peak shortly after sunrise and again during late afternoon and early evening hours. Short skip conditions on 20 for distances of less than 1000 miles should be best between mid morning and late afternoon, 1000-2300 miles should peak during the afternoon and early evening hours. Frequent openings of this same type should occur during darkness on 20 meters.

Good DX on 40 meters should occur from shortly after sundown through the night, and fall out shortly before sunrise. Short skip between 100 and 600 miles should be common during daylight. Skip should lengthen during the day and peak during the night with skip between 600-2300 miles. 80 meter DX should take place during the hours of darkness. Skip conditions on 80 should range from 50-250 miles during the day, increasing to 250-1500 miles during early evening and still increasing to over 2300 miles by nightfall. Seasonal atmospheric static should be at one of the lowest levels of the year and January DX should be terrific.

Occasional trans-continental F-2 layer 6 meter opening and F-2 layer openings between Hawaii and the mainland, and to Central and South America are possible from an hour before noon into the early afternoon. TE scatter should be at a low level this month. Quadrantids meteor shower should occur at its peak on January 3-4. This will make possible many meteor-type openings on the VHF bands. Little sporadic-E or auroral activity is expected this month.

Since the forecast predicts good DX during the coming month, why not get out and work some of it with the RAE on February 6-7 during the ARRL DX Phone contest. Even if you don't have the capabilities at the home QTH, you can still thrill in working DX by taking part in this event. Let us know of your plans as soon as possible. Operations should be mostly in the 10-15 and 20 meter phone bands. This is the RAE's first attempt at a DX contest and you can help it be a tremendous success.

1971 RAE MEMBERSHIP BLANK

Enclosed is \$_____ for _____ membership(s) to the RAE for the year 1971.

NAME _____ CALL _____

ADDRESS _____ CITY _____ STATE _____

ZIP CODE _____ PHONE _____ ARRL MEMBER _____ YES _____ NO _____

WHAT ACTIVITIES WOULD YOU LIKE THE RAE TO SPONSER _____

THANK YOU FOR YOUR SUPPORT. HOPE TO SEE YOU AT THE MEETINGS AND THE ACTIVITIES.

SEND TO: RADIO ASSOCIATION OF ERIE; PO BOX 844; ERIE, PA. 16512

QUA-RAE JANUARY, 1971

WHAT DOES YOUR RADIO CLUB DO ?
 DE K3VLP

In the past many questions have been asked as, "Why does the Board of Directors watch the club money so closely?" Did you know that the Radio Association of Erie handles thousands of dollars each year? Impossible you say! Here is a list of figures concerning club spending. They are approximate and figured on the low side.

Monthly QUA-RAE	\$25.00 @ 10 per yr	\$250.00
Field Day expenses		30.00
Liability Insurance		60.00
Ave. Activities Meeting-	\$40.00	
(speaker expenses, equip. rental, refresh-		
ments)		320.00
Oil Co. credit card (gas oil inspection)		50.00
Radio Gear repairs, updating		50.00
Money handled at HAMFEST '70		700.00
Money handled at 1970 Auction		1200.00
		<u>\$2660.00</u>

These are rough figures and do not reflect the day to day operating expenses of the club such as secretarial supplies, bank charges, flowers and numerous other items. With expenses like these, it is plain to see that the larger the membership, the easier it is to get first class speakers and programs. Unfortunately, the larger membership doesn't seem to effect the work load on the few busy club members. Some of the planned activities in the future are:

- January: Program featuring local talent. Active participation in SET.
- February: Dave Flinn, W2CFP, ECARS Public Relations director. Club operation in ARRL DX Contests.
- March: Out of town speaker.
- April: Auction on Saturday the 17. Red Cross/Civil Defense drive out. Special program
- May: Out of town speaker.
- June: DeMolay State Convention display. FIELD DAY.
- July: Family Style Picnic
- Fall: Another series of County Expeditions.

These are just some of the activities that are now in the planning stage. The RAE is also financially helping to support the local 2 meter FM repeater, the VHF group is a committee of the club. This year, the RAE will publish a directory of members. Those included in the initial publication must have their dues paid no later than January 20, 1971. Periodic supplements will be published as membership warrants. DON'T FORGET TO PAY YOUR 1971 MEMBERSHIP DUES OF \$1.50 BY JANUARY 20. BE SURE NOT TO MISS OUT ON A YEAR OF FUN WITH THE RAE!!!!!!

 This month, the QUA-RAE is again being mailed to all amateurs in Erie County. This is the last month that this practice will continue. Those who are not members will only receive complimentary copies once or twice each year. Hurry and join RAE now.

TEST EMERGENCY TEST EMERGENCY TEST EMERGENCY TEST EMERGENCY

THE ANNUAL SIMULATED EMERGENCY TEST WILL TAKE PLACE THE WEEKEND OF JANUARY 30-31. BARRY CAPELL, WA3GSH, THE EMERGENCY COORDINATOR FOR THIS AREA ASKS EVERYONE TO GET THEIR STATIONS PREPARED FOR EITHER 75, 10, 6, or 2FM METER OPERATION. ALSO, EVERY AMATEUR THAT HAS A MOBILE CAPABILITY IS ASKED TO GET IT IN TOP SHAPE FOR THE SET. MUCH EMPHASIS WILL BE PLACED ON MOBILE OPERATIONS IN THE TEST. EVERY AMATEUR IN ERIE COUNTY IS ASKED TO CHECK INTO ONE OF THESE NETS NO LATER THAN 12 NOON SATURDAY, JANUARY 30, AND BE PREPARED TO OPERATE UNTIL 4 OR 5 PM THAT AFTERNOON.--

75 M -- 3995 kHz.

10 M -- 29.150 MHz. Lake Erie Emergency Net

6 M -- 50.52 MHz. Tri-State Six Meter Net

2 M -- 146.94 MHz. (Possible repeater input of 146.34 by SET)

DE W3GV AR

More follows

The emergency preparedness drill will only last for a few hours Saturday morning and afternoon. The Hospital net will be activated Saturday morning, and the regular emergency drill will start around noon. All stations that can get on the air are asked to check into one of the nets by noon. As mobiles are needed, they will be dispatched by the EC through the net, so that the mobiles do not have to be on the road until dispatched through the nets.

This year, the SET is using an "unplanned" format. That is, operators will be given little notice of the exact circumstances of the emergency until the test begins. This is to simulate the surprise element of a real emergency.

The purpose of the SET is to test the emergency preparedness of the Amateur Service and also the traffic handling capabilities of the national traffic system. Each participant is required to originate two pieces of traffic to somewhere in the country through the emergency nets and NTS.

REMEMBER: be prepared to give a few hours of your time Saturday, January 30th. Check into 6 or 10 meter nets for additional information on Sunday nights.

END SIMULATED EMERGENCY TEST BULLETIN DE W3GV SK

***** SSB *****
 SALE, SWAP OR BUY

- For Sale - 10' x 51' Mobile home.
 Set in nice park, reasonable.
 Call - Carl Straub, WA3MKA - 833-6995 anytime.
- For Sale - HRO-50 National 80-10 CW/AM/SSB Amateur receiver. Good condx
 Knight-kit T-60 80-10 CW/AM Amateur transmitter, SWR bridge, antenna switch.
 8 amateur xtals. Good condx.
 Central electronics 20-A SSB exciter. 160-10 with DC 457 VFO. Good condx
 Call - -
 Dave Ore, WN3LOW. 833-6391 after 6 PM. RX and TX sold together.
- For Sale - Heathkit Apache transmitter. 180 watts with NC-183D general coverage,
 Broadcast band thru 6 meters, double conversion amateur receiver.
 Johnson Signal Sentry CW Monitor
 Call - -
 George Dickey, K3VLP 833-7082 Sold separate or together.

The January activities meeting of the RAE will be held on the FOURTH Thursday, January 28, 1971. Featured speakers at the meeting will be some experts on local communication in services vital to the area. Included among the speakers will be Ray Derr, in charge of many phases of communication in the city of Erie. Those in attendance will be able to learn something about those "hidden radio services" that are constantly present, but seldom recognized except in crisis or emergencies. The location will be announced via the column in the Sunday Times News and over the local nets. Refreshments will be served and door prizes will be given away. Don't miss this meeting for it promises to be the most unique activities meeting in a while.

STRAYS
 DE QUA-RAE STAFF

- VE5OB Carl informs us that rule for the Wheat-Belt award have changed. Only two contacts are required of hams in Saskatoon. They must be made on 10 meter AM. Copies of logs should be sent to VE5SM; Rural Route 2; Saskatoon, Sask. Both Carl and Hank (VE5SM) hold the Erie, Pa. award.
- WA3GMV Some of those ops at McDowell HS ARC need some practice. Especially when they load up on EastCARS!
- WA3COS Dave is still waiting to buy that Yaesu. He was without a transmitter over the XMAS holidays.
- WN3LOW Dave will soon be journeying to Buffalo again for a try at his General ticket. He's confident though as he's selling his Novice rigs.
- WA3MKA Carl just bought a new home in Millcreek. He says he has almost an acre for putting up an antenna farm.

***** STRAYS *****
Continued

- WA9EZP The RAE welcomes Irene as our first reader and member in Indiana. Irene closed out Pa. during the RAE County expedition.
- WA3OOT Ed now joins the General ranks. He started off on the right foot by checking into the LEEN.
- W3GV RAE club station has been activated at the Red Cross building for the Sunday nets. Ron, K3VXE, has been checking into both 6 and 10.
- K3KRA Gary ran LEEN in absence of WA3GJH during December. Joe will take over this month as NCS. Don't forget to volunteer your services.
- K3PAJ Frank has been spending so much time at the RTTY keyboard, that he is reported to have a serious case of "Buttonitis"
- WA3GIV Fred, back from his trip to Arizona, says he got plenty of use from his car Air Conditioner. We wondered why Fred looked pale.
- W3LOS, WA3EYM and WA3MOG - Leo, Bruce and Bill are some of the latest 1971 RAE members. Membership now is over 80.
- W3BRB John has been devoting much of his Sundays to running phone patches for some of his Alaskan friends.
- CX8DM Raul, a popular catch on 10 AM is also a member of the 10/10 Net. Several Erie stations have worked him.
- K3TUP John has been reporting good results with his new Classic 33 antenna.
- W3QN Congrats to Kenny on being the January Ham-of-the-Month.
- WA3LKR Brad is reported to have been borrowing MCDARC's rig for the weekends. Too bad it only has 80/40 meters Brad.
- WA3JAT Since Jim put up that new Mini-beam, its been in the same position for nearly three months.
- WA3LSY QUA-RAE Staff welcomes Rick who promises to help all he can with the printing. The local CB news bulletin is printed at Rick's QTH.
- WA3GUL The RAE is looking foreward to having Rich operating with them during the ARRL DX Contest. Rich is experienced in contest operating and hails from Bethlehem.
- W3ZLO Chuck is keeping his fingers crossed that the 2 meter FM repeater will be operational by SET.
- K3PCI John breaks the morning air space on 10 SSB along with Jack, WA3DJT. They add that they would like some company down there.
- W3YWL Doc is just getting set up at his new QTH, but his signal seems to be EB into Erie.

TRAFFIC HANDLING PRACTICE--JANUARY 24th ON LEEN AND TRI-STATE NET

Under directive of the Emergency Coordinator, Barry Capell, WA3GSH, The Lake Erie Emergency Net and the Tri-State Six Meter Net will hold a traffic practice session during the usual net times Sunday, January 24th. Each person who checks in will be required to pass one piece of short traffic in correct form to someone else who checks in. This is to prepare the net members for handling traffic during the Simulated Emergency Test the next week. A sample message follows:

<u>NUMBER</u>	<u>PRECEDENCE</u>	<u>CHECK</u>	<u>STN OF ORIGIN</u>	<u>PLACE OF ORIGIN</u>	<u>TIME</u>	<u>DATE</u>
19	R	11	W6ELQ	EL CAJON, CA.	2330Z	APR 18

TO:
DAGMAR JOHNSON
29 WEST MULBERRY ST.
CANTON, OHIO

PLEASE LET US KNOW YOUR PLANS FOR SUMMER VISIT X LOVE

RITA

Brush up on your message handling--check into or just listen to some traffic nets.

THE FINAL FINAL

There is an old saying, If you want something done, ask a busy person to do it. In other words, a small number of people usually carry the workload for a larger group. Although this is most obvious in finding people to head committees and supply articles for club newsletters, it can also be prevalent in emergency communications. It seems the same small group of people can always be called upon to give their time while the rest are too busy to care. Let's try to change this attitude. Let's get every amateur in the area who can get on the air to take part in the SET. There will be a local net on 75, 10, 6, and 2-FM so that every amateur in the area should be able to check in and at least deliver his two pieces of traffic. The SET would be a good time to see how well the 20 meter beam loads on 10, or how the coax going up to the beam will load on 75. Remember--emergency communications, anything goes. You'll never know how it works till you try it. Now is also a good time to begin giving serious thought of getting a mobile rig in the car. Forget club differences--forget personality clashes. When emergency communications is involved, we are all in the same boat!

DE K3VXE, RON SK

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Guest speakers at December Activities meeting. Jerry Selvaggi and Joseph L. DeClerk.



Some of the hard working kitchen crew at the RAE 1970 Christmas Party.



Some of the crowd enjoying a bite to eat at the party. Wish you were there?



Jerry and Joe look over a copy of QUA-RAE while answering more questions.